

# BENCHMARK

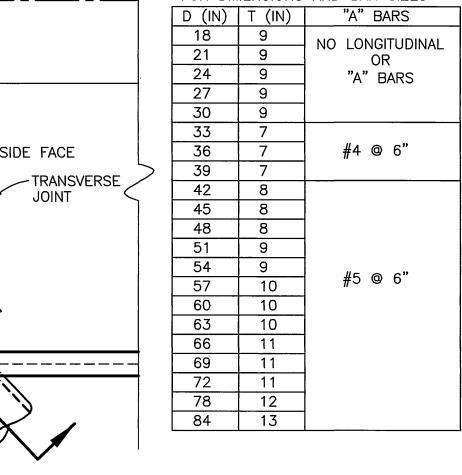
CITY OF RIVERSIDE BENCH MARK GPS-51: 2 1/2" BRASS DISK STAMPED "CITY OF RIVERSIDE GPS STATION 51 1991 CADME" SET IN THE TOP OF A CATCH BASIN ALONG THE NORTHERLY CURB OF COLUMBIA AVENUE, 4 FEET EAST OF THE BCR OF THE NORTHEAST OF MAIN STREET AT COLUMBIA AVENUE. ELEV.=813.66

# BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CENTER LINE OF MAIN ST. AS SHOWN ON TRACT 3960 FILED IN MAP BOOK 64 AT PAGE 3 THOUGH 4 RECORDS OF RIVERSIDE COUNTY. SAID LINE BEARS N 04'09'33" E

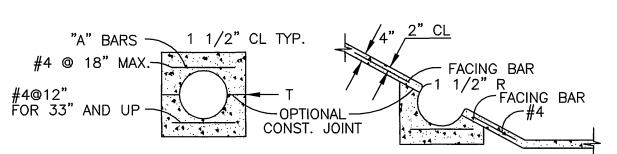
CONSTRUCTION NOTES		
No.	DESCRIPTION	QUANTITIES
1	CONSTRUCT 24" RCP STORM DRAIN (D-2000) PIPE BEDDING CASE 1 PER CITY OF RIVERSIDE STD. DWG. NO. 452	194.88 LF.
2	CONSTRUCT CATCH BASIN TYPE 1, PER CITY OF RIVERSIDE STD. DWG. NO. 405. W=7', $V=3.58$ '	1 EA.
3	SAWCUT, REMOVE & REPLACE EXISTING CONCRETE SLOPE, JOINING WITH 24" RCP PER RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT JUNCTION STRUCTURE NO. 6 STANDARD DRAWING NO. JS321 (SEE DETAIL ON SHEET 1)	L.S.

# FOR DIMENSIONS AND BAR SIZES ANGLE A 4-#4 FACING BARS 1/2" CL OF OUTSIDE FACE -TRANSVERSE ~TRANSVERSE PLAN



# FACING BAR-

#### SECTION A



#### SECTION B

SECTION C

#### NOTES

TABLE

1. VALUES FOR D,L,C,EL.S,R, ANGLE A AND STA."X" ARE TO BE SHOWN ON PROJECT

L=25.00' C=8.33'4A=90° STA X''=1+00.00EL S=805.00 EL R=805.17

2. REINFORCING BARS SHALL BE PLACED 1.5" CLEAR FROM FACE OF CONCRETE.

3. CONCRETE SHALL BE CLASS "B".

4. PLACE #4-12"X18" BARS WITH SHORT LEG HORIZONTAL IN VERTICAL J.S. WALL ROTATE LONGER LEG INTO CENTER OF SLOPE PAVING.

5. REINFORCEMENT SHALL BE PROVIDED IN ALL PORTIONS OF THE JUNCTION STRUCTURE AS INDICATED ON DRAWINGS REGARDLESS OF BAR LENGTH MODIFICATION REQUIRED TO ACHIEVE PROPER CLEARANCES.

#### GERERAL NOTES

1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS

2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION L'INES AND APPURTENANCES AND AT NO COST TO THE CITY. 3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT

4. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.

5. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR REESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.

6. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY

PRIVATE ENGINEER. 7. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED BY INQUIRY IDENTIFICATION

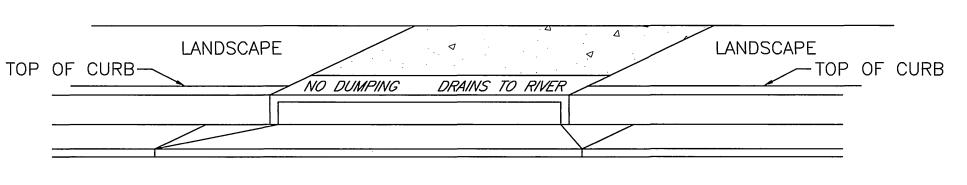
8. THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION. 9. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.

### LEGEND

TOP OF CURB FINISHED SURFACE CENTER LINE RIGHT OF WAY BEGIN CURB RETURN END CURB RETURN LOW POINT

#### JUCTION STRUCTURE NO.6\* RIVERSIDE COUNTY FLOOD CONTROL STANDARD DRAWING NO. JS 321

\* STANDARD DETAILS SHOWN ARE FOR INFORMATION PURPOSES ONLY, CONTRACTOR SHALL REFER TO THE SPECIFIED OFFICAL STANDARD DETAIL TO VERIFY CRITICAL DIMENSION AND MATERIAL SPECIFICATIONS.



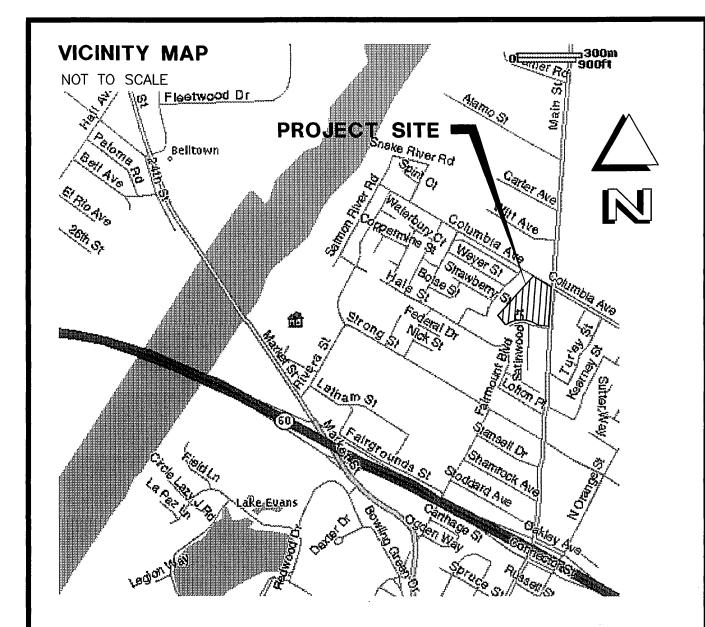
# CATCH BASIN STENCILING

1. STENCILS TO HAVE 2" LETTERS AS FOLLOWS: NO DUMPING DRAINS TO RIVER

2. PLACE BOTH STENCILS CENTERED WITHIN THE CATCH BASIN OPENING AND WITHIN THE TOP OF CURB.

3. SPRAY BOTH STENCILS WITH WHITE PAINT.

4. REMOVE STENCILS WHEN PAINT IS DRY.



RIVERSIDE CITY BUSINESS TAX CERTIFICATE # 75296 EXP. 6/10/05 | PW04-0149

Underground Service Alert

DIAL BEFORE

all: TOLL FREE -800 - 227 - 2600

TWO WORKING DAYS BEFORE YOU DIG A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT Prepared Under The Supervision Of:

VINCENT G. KLEPPE Date: 7-27-04 REGISTERED CIVIL ENGINEER NO. 55750



Scale:

Date:

7-27-04

CYRAX 3-D LASER SCANNING GPS & ROBOTIC SURVEYING 2578 CORONA AVE. NORCO, CA 92860 PHONE: (909) 737-4406 • FAX: (909) 737-4407 • tpg@mindspring.com

Bench Mark: ELEV.=813.66 (SEE THIS SHEET)

**REVISIONS** REMARK DESCRIPTION: APR.: DATE: DESIGNED: VGK DRAWN: BM CHECKED: VGK

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT Approved By: BY: Date: H 19/2/04 PRINCIPAL ENG. PARK DEPARTMENT

TRAFFIC DIVISION

STREET SERVICES

APPROVED BY KEJ 7/27/04

**TRACT 31512** IMPROVEMENT PLANS- OF 2 SHEETS TITLE SHEET COURTYARD VILLAGE

File nameP:\TPG\03\03-061\SD\03-061SD01.dwg

D-746 PRIVATE STORM DRAIN

<u>03-061</u>

